

11

sensing means mounted to said cleaning element for sensing the height of said vehicle;  
cleaning element positioning means responsive to said sensing means for moving said cleaning element toward and away from said vehicle surface, said cleaning element positioning means being adapted to pivot said primary arm relative to said support

12

frame and for pivoting said secondary arm relative to said primary arm; and  
linkage means responsive to movement of the primary and secondary arms for maintaining said nozzle of said cleaning element at a constant orientation relative to a horizontal plane as said cleaning element moves.

• • • • •

10

15

20

25

30

35

40

45

50

55

60

65